

ABSTRACT

The invention is a seat trim heater. It employs electric infrared lamps to heat the seat trim before the trim is placed over the frame and cushion material of the seat. The invention consists of a basic frame on which the trim is placed. The frame is made from a series of adjustable fabricated parts. Within this frame are infrared heaters and reflectors. The reflectors can direct the infrared heat both to the front and back so that the whole seat trim can be heated. Integral to the system is the control box that controls the heating of the seat trim. The seat trim heater uses instant on/off T-3 quartz lamps. The control box consists of a control panel that is NEMA rated, a disconnect switch, appropriate fusing, a SCR and appropriate circuitry. Further, the control panel allows the heat to be infinitely variable.